RH850F1KM-S1 debug port fail Open Discussion

-  Helpdesk robot
- **Forum name:** #Debugging

Running setup suddenly shows debug port fail.

I am using a hardware setup with Renesas F1KM-S1 (100pin) microcontroller and Trace32 with lauterbach (power-debug-pro). The system was running fine and suddenly one day it started showing "debug port fail".

Occasionally it is able to connect if we try multiple times to connect via serial flash mode using AutoSetup, but now it is not connecting at all.

With warm regards,
Amit Rahar

Comment (1)

DG **Deepak Gowda**
1 year ago
Hello Amit, The best approach is to isolate the issue by determining whether the problem lies with the debug cable or the target board. Since this was a previously working setup that suddenly stopped functioning, it’s reasonable to assume the scripts and configurations are still correct. I recommend the following steps: Swap the debug cable with one from a known working setup and test the connection. If the issue persists, try swapping the target board to see if that resolves the problem. This method should help pinpoint whether the fault lies in the hardware (cable or board) rather than the software or configuration.